JC04 Rec'd PCT/PTO 30 SEP 2005

| -                         |   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,             | CCUPCIPIO 30 SEP 200  |  |  |  |  |  |  |  |  |
|---------------------------|---|---|---|--|--|--|--|--|--|--|--|
| Substitute fi<br>PTO-1390 | TRANSMITTAL LETTER T<br>DESIGNATED/ELECTED (  | MERCE RATENT AND TRADEMARK OFFICE OFFICE (DO/EO/US) | ATTORNEY'S DOCKET NUMBER 010315-224 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) |  |  |  |  |  |  |  |  |
|                           | CONCERNING A FILING U   |   | 10/531,870  |  |  |  |  |  |  |  |  |
| INTER                     | NATIONAL APPLICATION NO.  | INTERNATIONAL FILING DATE                           | PRIORITY DATE CLAIMED   |  |  |  |  |  |  |  |  |
| TITLE C                   | PCT/FI2004/000540   | 15 September 2004 (15.09.04)                        | 15 September 2003 (15.09.2003)  |  |  |  |  |  |  |  |  |
|                           | OF INVENTION CTION SYSTEM CONTAINING  | G NON-ANTIBIOTIC RESISTANCE S                       | ELECTION MARKER   |  |  |  |  |  |  |  |  |
| APPLIC                    | CANT(S) FOR DO/EO/US  |   |   |  |  |  |  |  |  |  |  |
| Tanel                     | TENSON et al.   |   |   |  |  |  |  |  |  |  |  |
|                           |   | es Designated/Elected Office (DO/EO/US) the f       | following items and other information:  |  |  |  |  |  |  |  |  |
| 1. 📙                      | This is a FIRST submission to items concerning a filing under 35 U.S.C. 371.  |   |   |  |  |  |  |  |  |  |  |
| 2. 🗶                      | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |   |   |  |  |  |  |  |  |  |  |
| 3. 🔲                      | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. |   |   |  |  |  |  |  |  |  |  |
| 4.                        | The US has been elected by the exp  | oiration of 19 months from the priority date (Artic | ele 31).  |  |  |  |  |  |  |  |  |
| 5.                        | A copy of the International Application   | on as filed (35 U.S.C. 371(c)(2))                   |   |  |  |  |  |  |  |  |  |
|                           |   | only if not communicated by the International B     | ureau)  |  |  |  |  |  |  |  |  |
|                           | b.  has been communicated by  | •   |   |  |  |  |  |  |  |  |  |
|                           | -   | cation was filed in the United States Receiving C   | Office (PO/US)  |  |  |  |  |  |  |  |  |
| 6.                        |   |   |   |  |  |  |  |  |  |  |  |
| о. <u>Г</u>               |   | ne International Application as filed (35 U.S.C. 3  | 7 (C)(2))   |  |  |  |  |  |  |  |  |
|                           | a. is attached hereto.  | . 1 1 05 11 0 0 4544 040                            |   |  |  |  |  |  |  |  |  |
|                           | b. L has been previously submitt  |   |   |  |  |  |  |  |  |  |  |
| 7.                        | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |   |  |  |  |  |  |  |  |  |
|                           | . —   | d only if not communicated by the International     | Bureau).  |  |  |  |  |  |  |  |  |
|                           | b.  have been communicated by   |   |   |  |  |  |  |  |  |  |  |
|                           |   | ver, the time limit for making such amendments      | has NOT expired.  |  |  |  |  |  |  |  |  |
|                           | d.  have not been made and wil  | ll not be made.                                     |   |  |  |  |  |  |  |  |  |
| 8.                        | An English language translation of the  | ne amendments to the claims under PCT Article       | 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |  |  |
| 9.                        | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |   |  |  |  |  |  |  |  |  |
| 10. 🔲                     | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |   |   |  |  |  |  |  |  |  |  |
| ite                       | ms 11 to 21 below concern docume  | nt(s) or information included:                      |   |  |  |  |  |  |  |  |  |
| 11. 🔲                     |   |   |   |  |  |  |  |  |  |  |  |
| 12. $\square$             |   | •   | 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |  |  |
| <br>13. П                 |   |   |   |  |  |  |  |  |  |  |  |
| 14.                       | A SECOND or SUBSEQUENT preliminary amendment.   |   |   |  |  |  |  |  |  |  |  |
|                           | A substitute specification.   | ,,  |   |  |  |  |  |  |  |  |  |
|                           | A change of power of attorney and/o   | r address letter                                    |   |  |  |  |  |  |  |  |  |
|                           |   | quence listing in accordance with PCT Rule 13te     | or 2 and 27 CER 1921 1925   |  |  |  |  |  |  |  |  |
|                           |   |   |   |  |  |  |  |  |  |  |  |
|                           | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |   |   |  |  |  |  |  |  |  |  |
| 19.                       | - Viscolita supplies the English language translation of the international application trides as 5.5.5. 154(4).   |   |   |  |  |  |  |  |  |  |  |
| 20. <b> X</b>             | Other items or information: Combin  | ned Declaration and Power of Attorney.              |   |  |  |  |  |  |  |  |  |
|                           |   |   |   |  |  |  |  |  |  |  |  |
|                           |   |   |   |  |  |  |  |  |  |  |  |
|                           |   |   |   |  |  |  |  |  |  |  |  |

| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>10/531,870   |   | · ·   | INTERNATIONAL APPLICATION NO. PCT/FI2004/000540 |   |                      | RNEY'S DOCKET NUMBER<br>010315-224 |                         |              |  |  |
|---|---|---|---|---|----------------------|------------------------------------|-------------------------|--------------|--|--|
| 21.   |   | Applicant(s) requests that the published application include the following assignment                   |   |   | CALCULATIONS         | PTO USE ONLY                       |                         |              |  |  |
|   |   |   |   |   |                      |                                    |                         |              |  |  |
|   |   |   |   |   |                      |                                    |                         |              |  |  |
|   |   |   |   |   |                      |                                    |                         |              |  |  |
|   |   |   |   |   |                      |                                    |                         |              |  |  |
| 22.   | ☐ The following fees are submitted:   |   |   |   |                      |                                    |                         |              |  |  |
|   | Basic Filing Fee (1631)   |   |   |   |                      | \$ 0.00                            |                         |              |  |  |
|   | Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).                                |   |   |   |                      |                                    |                         |              |  |  |
|   | шоп   | CLAIMS  | NUMBER FILED                                    | NUMBER EXTRA  | RATI                 | <br>E                              | \$                      |              |  |  |
|   | Tota  | l Claims  | -20 =   | 0   | × \$50.00 (          | 1615)                              | \$ 0.00                 |              |  |  |
|   | Inde  | pendent Claims  | - 3 =   | 0   | × \$200.00           | (1614)                             | \$ 0.00                 |              |  |  |
|   | MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 (1616)   |   |   |   |                      | (1616)                             |                         |              |  |  |
|   | Examination Fee + \$200.00  |   |   |   | <u> </u>             | \$ 0.00                            |                         |              |  |  |
|   |   | ch Fee  |   |   | <b>+</b> \$500.00    | (1632)                             | \$ 0.00                 |              |  |  |
| :   | Арр.  | p. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)  TOTAL OF ABOVE CALCULATIONS = |   |   |                      |                                    |                         |              |  |  |
|   | _   | Applicant claims small e  | ntity status Soc 37 CEE                         | IIONS =   | \$ 0.00              |                                    |                         |              |  |  |
|   | <u> </u>  | are reduced by 1/2.   |   | +   | \$ 0.00              |                                    |                         |              |  |  |
|   |   | SUBTOTAL =  |   |   |                      | \$ 0.00                            |                         |              |  |  |
|   |   | essing fee of \$130.00 (1<br>ths from the earliest clain  | □ 30  | \$ 0.00   |                      |                                    |                         |              |  |  |
|   |   |   | L FEE =   | \$ 0.00   |                      |                                    |                         |              |  |  |
|   | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property + |   |   |   |                      |                                    |                         |              |  |  |
| •   |   | TOTAL FEES ENCLOSED   |   |   |                      |                                    | \$ 0.00                 |              |  |  |
|   |   |   |   |   |                      |                                    | Amount to be refunded : |              |  |  |
|   | a. A check in the amount of to cover the above fees is enclosed.  |   |   |   |                      |                                    | charged :               |              |  |  |
|   | b. [  | Please charge my De duplicate copy of this  |   | to cover the above fees. A                              |                      |                                    |                         |              |  |  |
|   | с. [  | The Commissioner is Deposit Account No.   | hereby authorized to ch<br>02-4800 A duplic     | narge any additional fees<br>cate copy of this sheet is | which may tenclosed. | e requir                           | ed, or credit any ove   | erpayment to |  |  |
|   | d. [  | Charge  | to credit card. Fo                              | orm PTO-2038 is attache                                 | ed.                  |                                    |                         |              |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. |   |   |   |   |                      |                                    |                         |              |  |  |
|   |   |   |   | •   |                      |                                    |                         |              |  |  |
|   | SEN   | ID ALL CORRESPONDE  | 1   |   | ~~                   |                                    |                         |              |  |  |
|   |   |   |   |   | -81                  | V \$4                              | n M. L.                 |              |  |  |
|   | Burns, Doane, Swecker & Mathis, L.L.P.  P.O. Box 1404   |   |   |   |                      |                                    |                         |              |  |  |
| Alexandria, Virginia 22313-1404   |   |   |   |   |                      | Susan M. Dadio                     |                         |              |  |  |
|   | (703  | 3) 836-6620   |   |   | NAME                 |                                    |                         |              |  |  |
|   | 40,373  |   |   |   |                      | 0,373                              | Septem                  | ber 30, 2005 |  |  |
|   |   |   |   |   |                      |                                    |                         |              |  |  |